



December 11, 2012
Project No. 8128.01.08

Mr. Dana Bayuk
Oregon Department of Environmental Quality
2020 SW 4th Avenue
Portland, Oregon 97201-4987

Re: Monthly Progress Report—November 2012
Siltronic Corporation
7200 NW Front Avenue, Portland, OR
ECSI #183

Dear Dana:

Maul Foster & Alongi, Inc. (MFA) has prepared this progress report (Report) in accordance with the requirements of the *Order Requiring Remedial Investigation (RI) and Source Control Measures* (the Order), Oregon Department of Environmental Quality (DEQ) No. VC-NWR-03-16, issued to Siltronic Corporation (Siltronic) on February 9, 2004. The reporting period for this Report is November 1, 2012, through November 30, 2012. The next report is due January 10, 2013.

The report organization follows that of the previous progress reports.

ACTIONS TAKEN UNDER THE ORDER SINCE THE PREVIOUS PROGRESS REPORT

Communications and Submittals

On November 6, MFA provided a memorandum recommending modifications to the MGP DNAPL monitoring and sampling program. DEQ provided verbal approval of the modifications on November 14.

On November 27, DEQ copied Siltronic and MFA on email requests to NW Natural for information regarding plans and permitting documents and files related to the Gasco treatment system.

On November 29, DEQ directed Siltronic to prepare a workplan to investigate source(s) of TCE in the vicinity of the Central Facilities Building.

On November 30, MFA provided a memorandum recommending modifications to the soil vapor sampling program. Specifically, the memorandum recommended discontinuing soil vapor sampling and combustible gas monitoring.

Fieldwork

Groundwater monitoring continued through November in the performance monitoring wells. During November, Siltronic provided access to representatives of NWN for field work as requested.

Measurements and samples of dense, non-aqueous phase liquid (DNAPL, from former manufactured gas plant (MGP) operations) that contains TCE and its degradation products were collected during the first half of November. The data from these events are being evaluated.

Actions to Be Taken in the Next Two Months

Performance monitoring consistent with the revised performance monitoring program (see attached table) will continue in December (consistent with the proposed monitoring table provided in the previous progress report).

MFA recommended discontinuing soil vapor sampling, and DEQ is reviewing this recommendation. Due to the cost and lead time required to order Summa vapor sampling containers, MFA will wait to schedule an additional sampling event pending DEQ comments.

TEST RESULTS AND DATA RECEIVED SINCE THE PREVIOUS PROGRESS REPORT

Some of the data collected through the November 2012 reporting period has been received but validation is not yet complete. Consistent with DEQ comments, the content and format of data submittal memoranda evaluating these data will be developed following DEQ review of the updated and revised PMP. Please note that the revised monitoring program adjusts the number of wells sampled at the riverbank, such that continued calculation of mass flux cannot be performed consistent with DEQ's comments on the PMP.

The attached (electronic only) MS Excel data file contains all PMW and quarterly monitoring data, and soil vapor data received through the end of the reporting period (November 30, 2012). The data continue to indicate successful dechlorination of TCE and its degradation products.

PROBLEMS EXPERIENCED SINCE THE PREVIOUS PROGRESS REPORT

No additional problems were experienced.

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Please call either of us at (971) 544-2139 if you have questions or comments.

Sincerely,

Maul Foster & Alongi, Inc.



James G.D. Peale, RG
Senior Hydrogeologist



Ted Wall, PE
Oregon Operations Director

Attachments: MS Excel file (electronic only)

cc: Myron Burr, Siltronic Corporation
Alan Gladstone, Davis Rothwell Earle and Xochihua
Chris Reive, Jordan Schrader Ramis
Jim Anderson, DEQ
Kristine Koch, EPA
Sean Sheldrake, EPA Seattle
Rene Fuentes, EPA Seattle
Chip Humphrey, EPA Portland
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